

REMARKS

Claims 2-4, 6-19, 22-24, and 27-29 are currently pending. Claims 1, 5, 20, 21, 25, and 26 have been canceled without prejudice. Claims 2-4, 6, 8-10, 15, 19, 22-24, 27, and 29 have been amended.

Claims 1 and 5 have been canceled. Claims 2, 3, 4, 8, and 9 have been amended to change their dependency from claim 1 to claim 6. Because claim 6 had been allowed and claims 2, 3, 4, 8, 9, and 11-14 now depend from claim 6, claims 2-4, 8, 9, and 11-14 should be in condition for allowance.

Claims 6 and 10 have been amended for clarification and should still be in condition for allowance.

Claim 15 has been amended to incorporate what is believed to be allowable subject matter from claim 6. Accordingly, claim 15 and its dependent claims 16-18 should be in condition for allowance.

Claim 19 has been amended and is believed to be in condition for allowance.

Claim 22 has been rewritten in independent form and incorporates the subject matter of base claim 20 and intervening claim 21. Dependent claim 23 has been amended for clarification. With this amendment, claim 22 and its dependent claim 23 should be in condition for allowance.

Claim 24 has been rewritten in independent form to incorporate the subject matter of base claim 20 and should be in condition for allowance.

Claim 27 has been rewritten in independent form and incorporates the subject matter of base claim 25 and intervening claim 26. With this amendment, claim 27 and its dependent claim 28 should be in condition for allowance.

Claim 29 has been rewritten in independent form to incorporate the subject matter of base claim 25 and should be in condition for allowance.

It is respectfully submitted that no new matter has been added.

The Patent Office is thanked for its allowance of claims 6, 7, and 10 and its indication of allowable subject matter in claims 22-24 and 27-29.

The Patent Office rejected claims 7 and 26-29 under 35 U.S.C. 101 as comprising non-

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statutory subject matter alleging that the preamble of the base claim relates to non-statutory subject matter. Applicant believes it is claim 25 that was intended to be rejected as claim 25 relates to a computer readable medium, claims 26-29 depend from claim 25 and not from claim 7, and claim 7 does not recite a computer readable medium. With the cancellation of claims 25 and 26 and the amendment of claims 27 and 29 to recite "[a] computer-readable medium embodied with computer program instructions," it is believed that claims 27-29 fully comply with 35 U.S.C. 101 and it is respectfully requested that the Patent Office withdraw its rejection of these claims.

It is respectfully submitted that the rejections of claims 1-29 under 35 U.S.C. 103(a) based on Pickering and Murphy, alone or in combination with Shimoda and/or Murata, have been overcome, and respectfully requested that the Patent Office reconsider and remove the rejections of these claims. The Patent Office is respectfully requested to favorably consider and allow all of the pending claims 2-4, 6-19, 22-24, and 27-29 as now presented for examination. An early notification of the allowability of claims 2-4, 6-19, 22-24, and 27-29 is earnestly solicited.